# ABSTRACT

A system and method is provided for efficiently adapting information content for an electronic device. A normalizer includes a template normalizer for matching and applying a document tree to a template tree, and applying changes to the document tree.

5     If the template normalizer does not find an appropriate template match, an automatic normalizer is utilized. The automatic normalizer utilizes weighting heuristics and pattern recognition with formatting rules to partition content into folders. The automatic normalizer can also utilize embedded normalization markup in the information content to assist in normalizing the information content. Information content can be represented by

10     document object tree. A document object tree is created by storing information relating to the information content into arrays. The stored information describes a document object tree structure and tree dependencies as a mutable object.

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